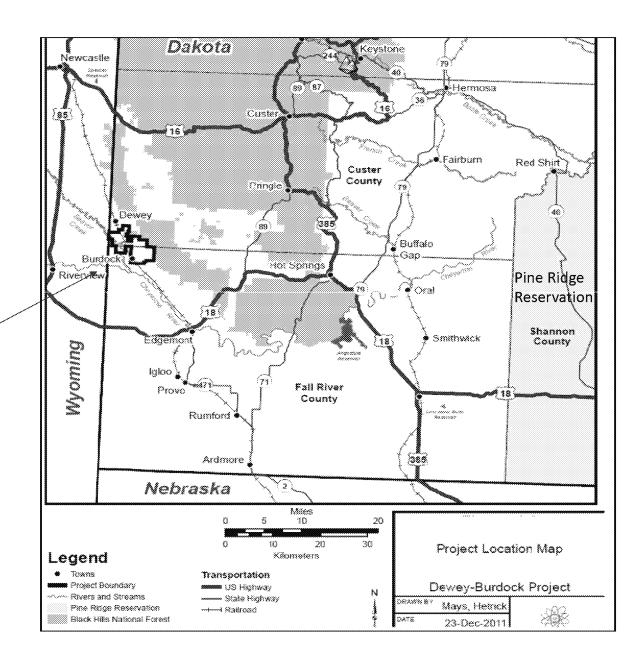
Figures for the Dewey-Burdock UIC Permits & Aquifer Exemption Brief

> Dewey Burdock Project Site

Figure 1. Location Map



DELIBERATIVE

Figure 2. Timeline for UIC Actions and Milestones

Completed

- ☑ Share Draft Permits/AE with OGWDW/OGC and brief OGWDW in Denver
- ☑ ESA: Assess/Document Species Impacts in draft USFWS consultation letter
- ☑ EP&R/ECEJ Review Class III Draft Permit Docs
- ☑ Brief RA for meeting with Powertech; RA meets with Powertech.
- ☑ EP&R Review of AE
- ☑ UIC ECEJ ReviewClass V Draft Permit Docs
- ☑ ESA: Draft consultation letter for internal review

Next 30 days

- ☐ ESA: Send consultation letter to USFWS for concurrence
- NRC/Atomic Safety Licensing Board (ASLB) decision on NHPA (4/30)
- ☐ Brief RA: More detailed informational briefing on Permits/AE, CEA options, ESA and Tribal Consultation strategy
- Tribal Consultation: Plan communication with tribes to present EPA path forward for NHPA 106.

Next 60 days

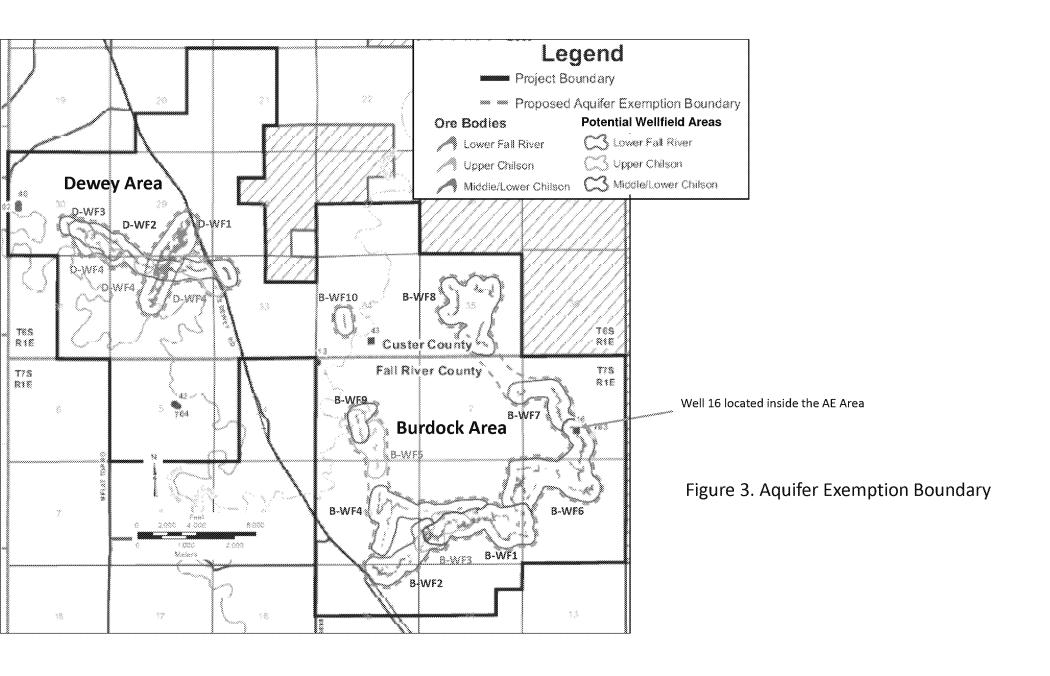
- Conclude ESA
 Consultation with USFWS
 concurrence
- RA visit to South Dakota including Dewey-Burdock site visit)

Next 60 days +

- ☐ Brief RA: Permits/AE, Tribal Consultation, and ESA/NHPA decision recommendations
- ☐ Brief Tribes on NHPA compliance decision and begin general consultation
- Send General
 Consultation Invitation
 Letters
- Issue Draft Permits/AE
 Decision for 60 day comment
 period
- ☐ Hold two public hearings in SD

April 1st

May 1st



Ore Bodies



Lower Fall River

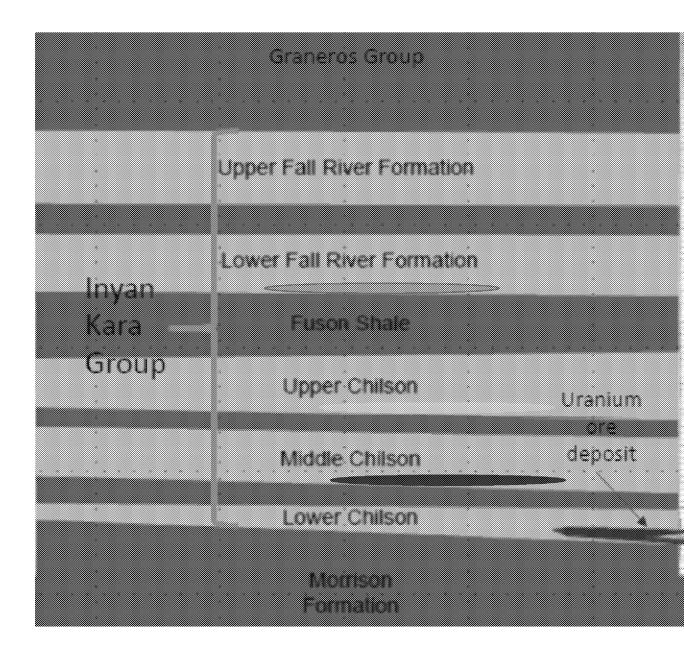


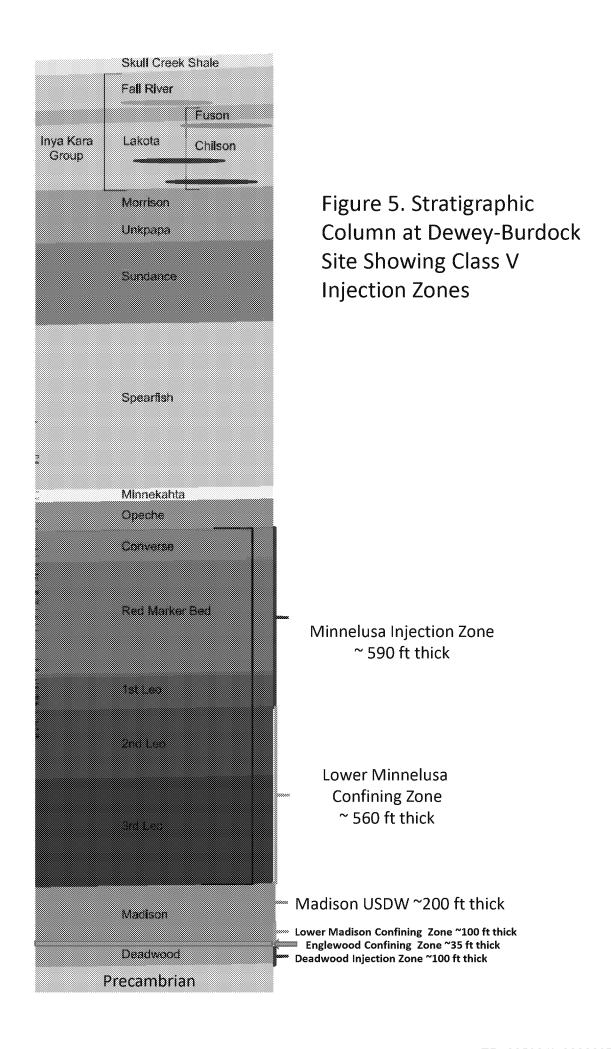
Upper Chilson

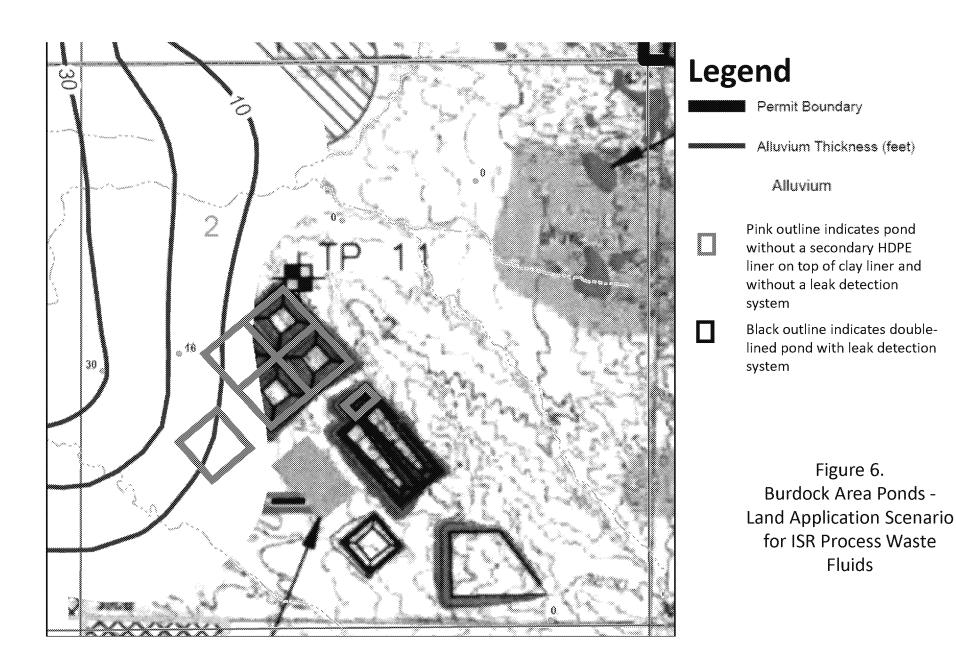


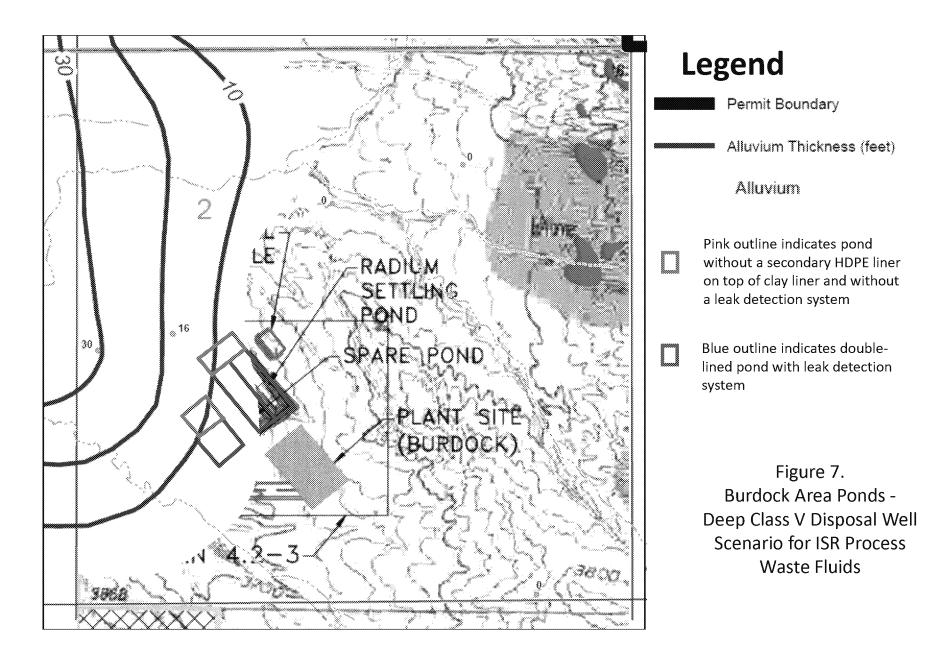
Middle/Lower Chilson

Figure 4. Vertical Extent of Aquifers
Proposed for Exemption









Legend

Alluvium

- Pink outline indicates pond without a secondary HDPE liner on top of clay liner and without a leak detection system
- Black outline indicates doublelined pond with leak detection system

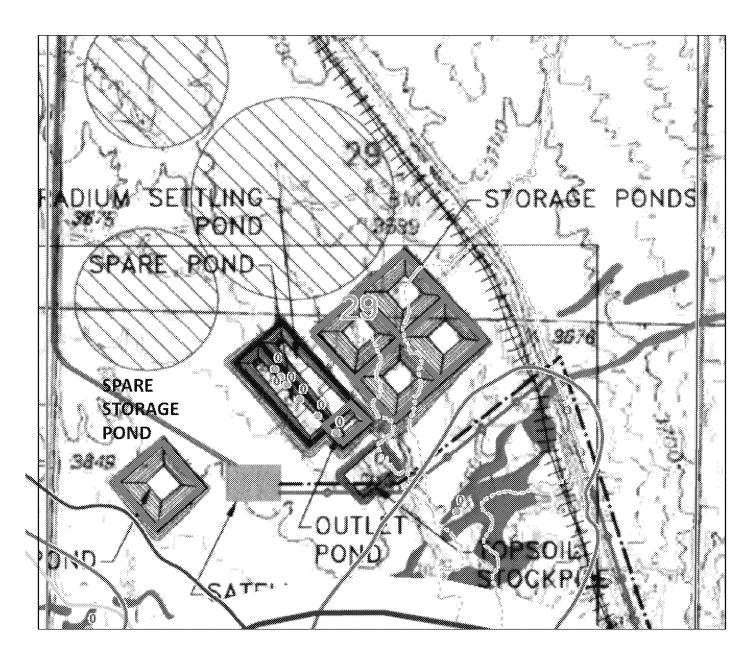
Figure 8.

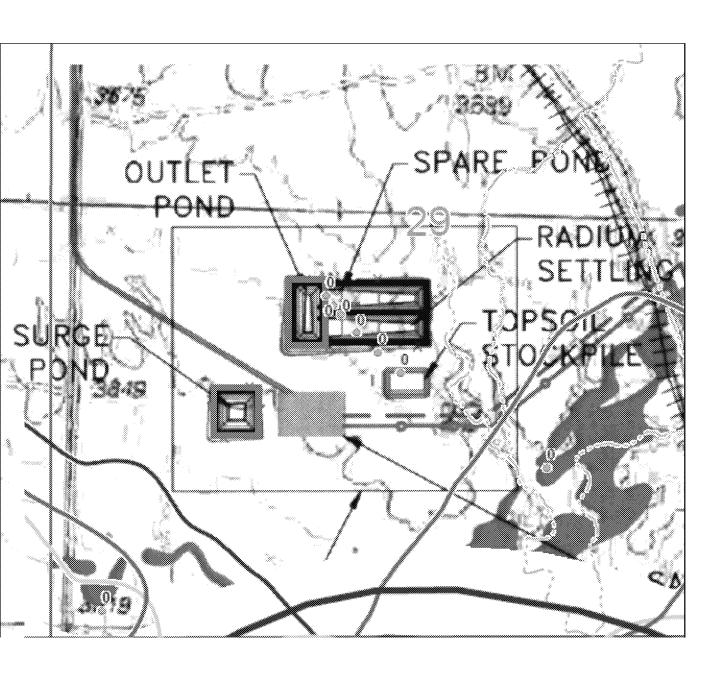
Dewey Area Ponds –

Land Application Scenario

for ISR Process Waste

Fluids





Legend

Alluvium

- Pink outline indicates pond
 without a secondary HDPE
 liner on top of clay liner and
 without a leak detection
 system
- Black outline indicates doublelined pond with leak detection system

Figure 9.

Dewey Area Ponds —

Deep Class V Disposal Well

Scenario for ISR Process

Waste Fluids